

Second Grade Science Curriculum Map and Pacing

Unit A: Life Cycles

Number of Days: 25

Text Pages: 1a-80

Topic	Lesson	Standard	Number of Days	Teacher Edition Pages	Interactive Reader	HM Reading
Chapter 1: Plant Life Cycles (12 days)						
Vocabulary Preview			1	6		
How Do Plants Change During Their Life Cycles?	1	2f, 4f	3	8-15	4-11	Theme 2
What Kind of Plant Grows from a Seed?	2	2acf, 4abd	2	18-23	12-16	
How Do Plants of the Same Kind Differ?	3	2cde, 4abce	2	24-29	17-20	
How Do Plants React to Their Environment?	4	2e, 4abg	2	32-37	21-25	
Chapter Review and Assessment			2	40-41		
Chapter 2: Animal Life Cycles (11 days)						
Vocabulary Preview			1	44		
Which Baby Animals Look Like Their Parents?	1	2ab, 4d	2	46-51	32-34	Theme 4
Which Baby Animals Look Unlike Their Parents?	2	2b, 4bdf	2	52-57	35-38	
Where Do Animals Get Their Traits?	3	2ac, 4a	2	58-63	39-41	
How Do Animals of the Same Kind Differ?	4	2ad, 4be	2	66-71	42-45	
Chapter Review and Assessment			2	76-77		
Unit Review and Assessment (2 days)						

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Unit B: Earth's Resources

Number of Days: 27

Text Pages: 81a-168

Topic	Lesson	Standard	Number of Days	Teacher Edition Pages	Interactive Reader	HM Reading
Chapter 3: Rocks, Soil, and Fossils (11 days)						
Vocabulary Preview			1	86		
What Makes Up Rocks?	1	3a, 4bcf	2	88-95	52-57	
How Do Rocks Change?	2	3b, 4df	2	96-101	58-61	
What Makes Up Soil?	3	3c, 4cfg	2	102-109	62-67	
What Clues Do Fossils Give?	4	3d, 4bcf	2	112-119	68-73	
Chapter Review and Assessment			2	124-125		
Chapter 4: Using Resources (14 days)						
Vocabulary Preview			1	128		
How Do People Use Rocks?	1	3ae, 4ef	3	130-135	80-85	
How Do People Use Water?	2	3e, 4ae	3	140-145	86-90	
How Do People Use Soil and Plants?	3	3ce, 4be	2	146-153	91-97	
How Can People Save Resources?	4	3e, 4ab	3	154-159	98-101	
Chapter Review and Assessment			2	164-165		
Unit Review and Assessment (2 days)						

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Unit C: Motion and Sources

Number of Days: 29

Text Pages: 169a-240

Topic	Lesson	Standard	Number of Days	Teacher Edition Pages	Interactive Reader	HM Reading
Chapter 5: Objects in Motion (10 days)						
Vocabulary Preview			1	174		
How Can You Describe an Object's Position?	1	1a, 4b	3	176-181	108-113	
How Can You Describe an Object's Motion?	2	1ab, 4be	4	184-191	114-122	
Chapter Review and Assessment			2	196-197		
Chapter 6: Forces (17 days)						
Vocabulary Preview			1	200		
What Do Forces Do?	1	1c, 4b	3	202-209	128-134	
How Can You Change an Object's Direction?	2	1c, 4ad	4	210-215	135-139	
What Do Tools and Machines Do?	3	1d, 4d	4	220-225	140-145	
What Makes Things Fall?	4	1e, 4g	3	228-233	146-149	
Chapter Review and Assessment			2	236-237	236-237	
Unit Review and Assessment (2 days)						

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Unit D: Magnets and Sound

Number of Days: 28

Text Pages: 241a-304

Topic	Lesson	Standard	Number of Days	Teacher Edition Pages	Interactive Reader	HM Reading
Chapter 7: Magnets (12 days)						
Vocabulary Preview			1	246		
What Are Magnets?	1	1f, 4ad	3	248-253	156-161	
What Is a Magnetic Field?	2	1f, 4a	2	256-259	162-163	
How Strong Is a Magnet's Force?	3	1f, 4ab	4	260-265	164-168	
Chapter Review and Assessment			2	270-271		
Chapter 8: Making Sound (14 days)						
Vocabulary Preview			1	274		
How Is Sound Made?	1	1g, 4ad	4	276-281	174-177	Theme 6 Selection 2
What Is Pitch?	2	1g, 4a	3	284-289	178-182	
What Is a Sound's Volume?	3	1g, 4adg	4	290-295	183-186	
Chapter Review and Assessment			2	300-301		
Unit Review and Assessment (2 days)						

